

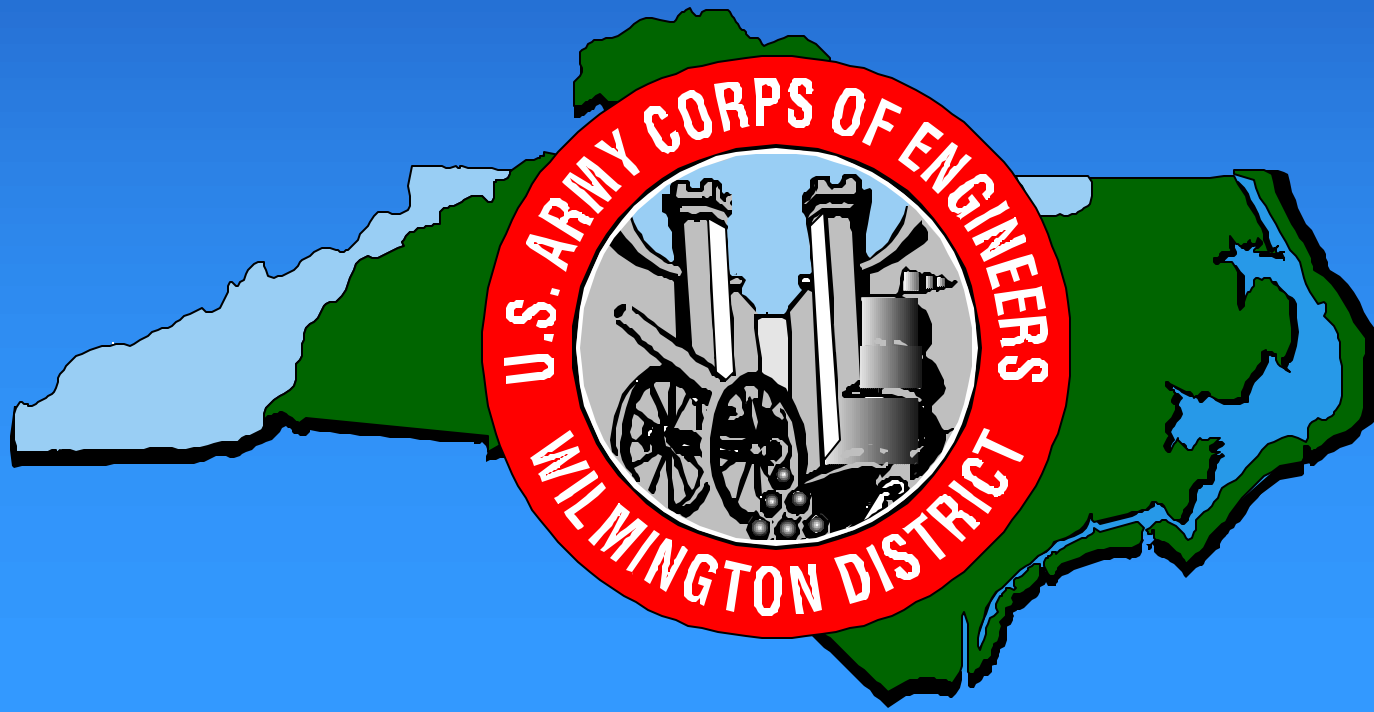
# John H. Kerr Dam and Reservoir

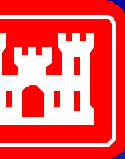
## Section 216 Study

U.S. Army Corps  
of Engineers  
Wilmington District

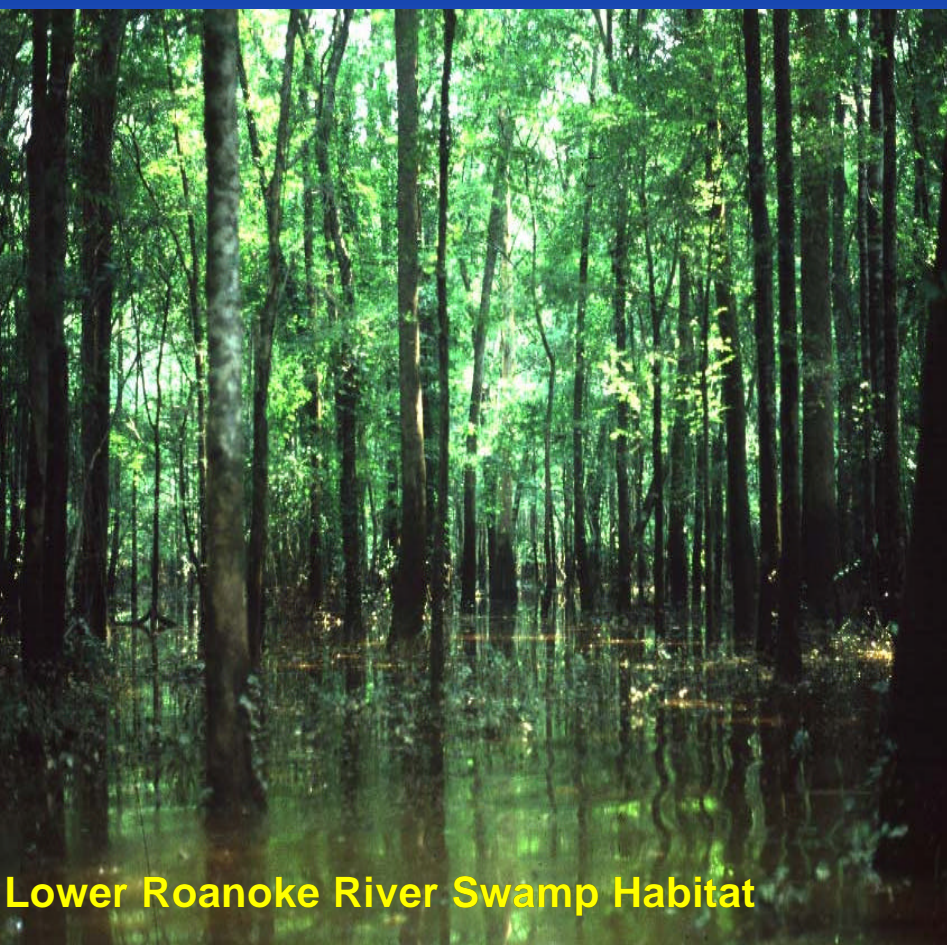


Commonwealth of  
Virginia

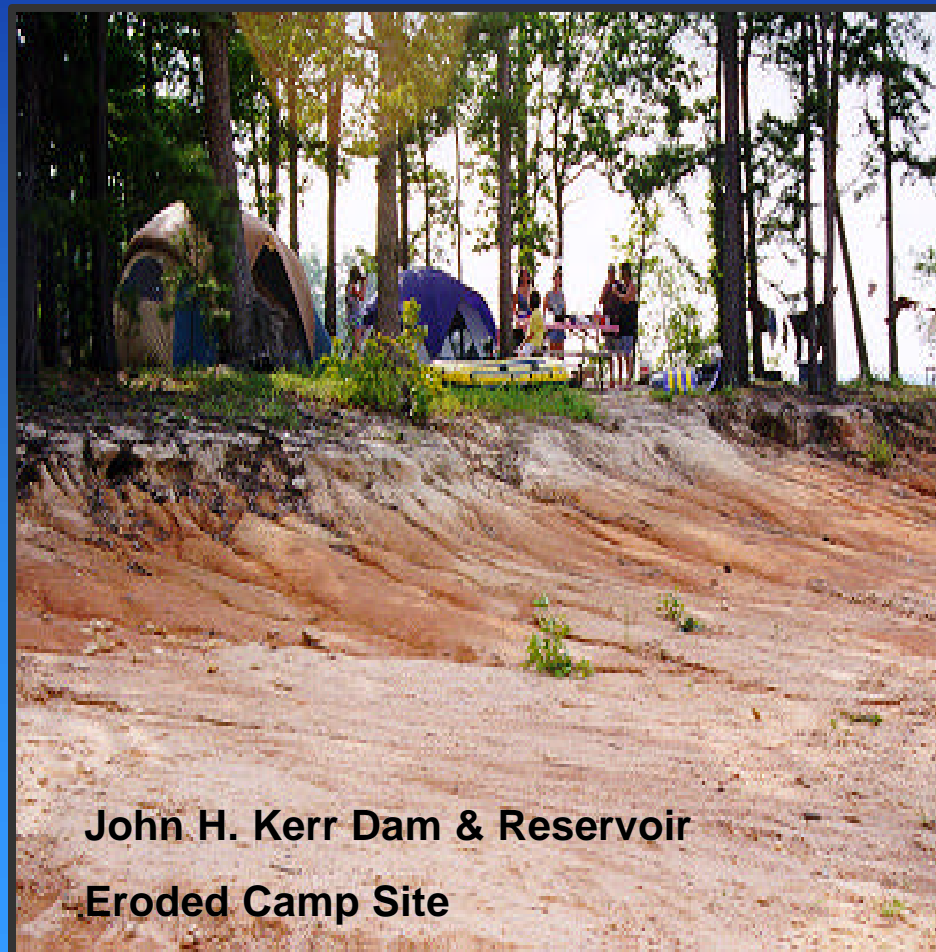




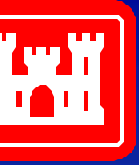
# John H. Kerr 216 Study



**Lower Roanoke River Swamp Habitat**



**John H. Kerr Dam & Reservoir  
Eroded Camp Site**

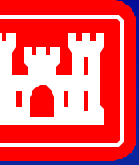


# John H. Kerr 216 Study

**Authorized under the provisions of Section 216 of Public Law 91-611, the River and Harbor and Flood Control Act of 1970 which provides the authority to review the operation of a completed Corps project and address downstream environmental concerns.**

## **Study Topics (not limited to these topics):**

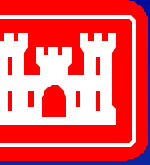
**Flood control, hydropower, recreation, water supply, water quality, drought management, fish and wildlife conservation, shoreline erosion and siltations, aesthetic and scenic amenities, and cultural resources.**



# **John H. Kerr 216 Study**

**Dominion Resources conducted The Federal Energy Regulatory Commission (FERC) relicensing study for Lake Gaston and Roanoke Rapids Lake hydropower projects which was completed in 2001. This FERC relicensing created interest in a 216 study for John H. Kerr Dam and Reservoir.**

**John H. Kerr Dam and Reservoir operate cooperatively with Gaston, and Roanoke Rapids Lake Projects to generate power, control flooding, and ensure adequate downstream flows.**

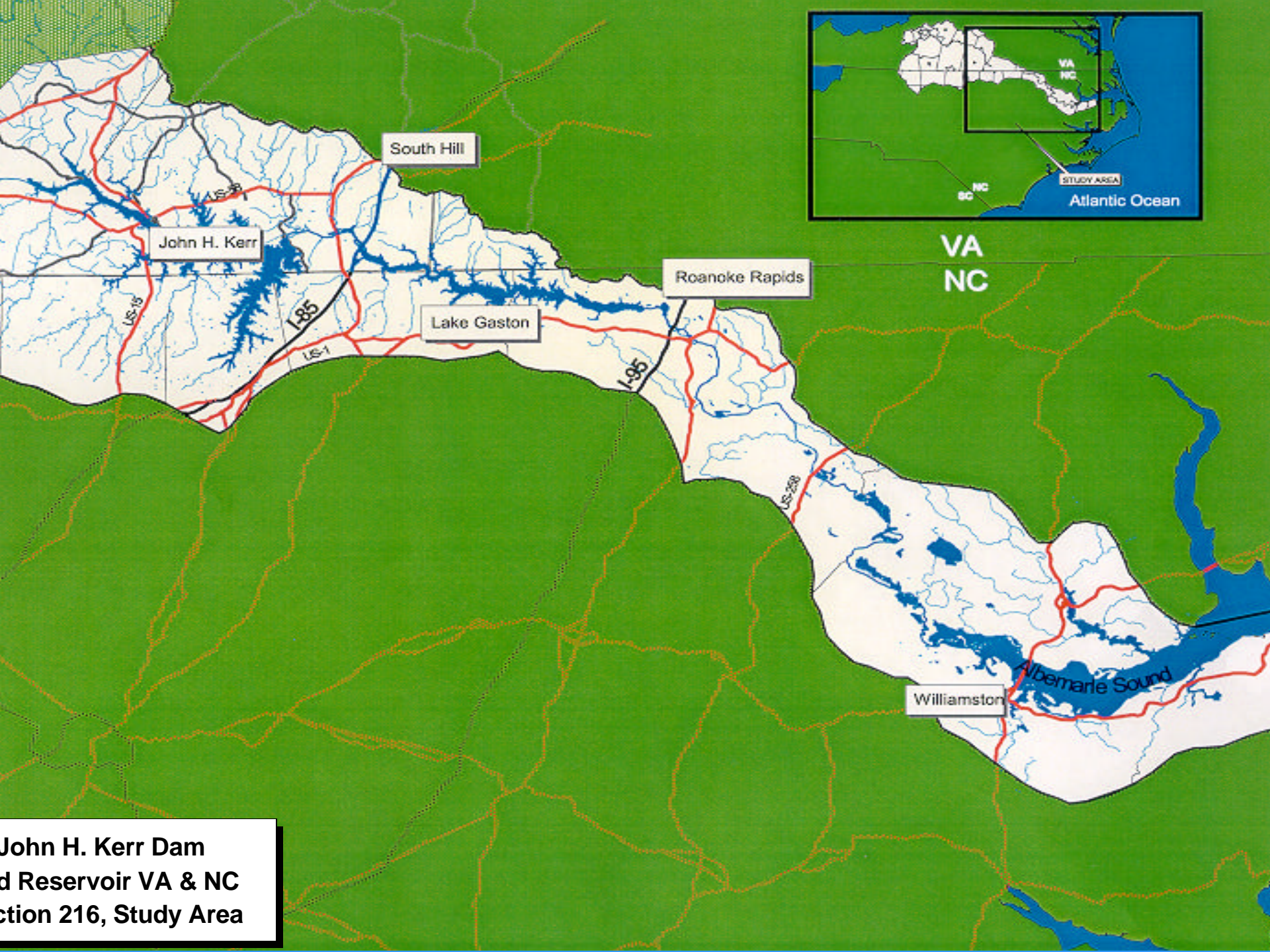


# **John H. Kerr 216 Study**

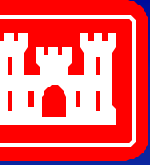
**SPONSOR: Commonwealth of Virginia  
And The State of North Carolina**

**PURPOSE: Identify whether there is a Federal interest in modifying the structures or the operations at the John H. Kerr Dam and Reservoir to improve the quality of the environment for the overall public interest.**





**John H. Kerr Dam  
and Reservoir VA & NC  
Section 216, Study Area**



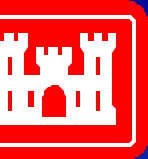
# STAKEHOLDERS

## North Carolina Organizations:

- Division of Marine Fisheries
- Division of Water Quality
- Division of Water Resources
- Water Resources Commission
- Division of Parks and Recreation

## Virginia Organizations:

- Department of Environmental Quality
- Department of Game and Inland Fish
- Department of Parks and Recreation

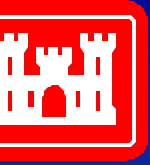


# STAKEHOLDERS

(continued)

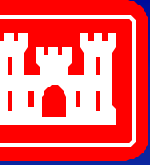
- **City of Virginia Beach**
- **Dominion Resources**
- **Downstream Agricultural interests**
- **Hydro Logics, Inc.**
- **National Marine Fisheries Service**
- **Regional Partnership of Local Government**
- **Roanoke River Basin Association (RRBA)**
- **Southeastern Power Administration**
- **The Nature Conservancy**
- **The US Fish and Wildlife Service**
- **University of Maryland**
- **Weyerhaeuser Corporation**
- **RRBA Advisory Committee**
- **Bi-State Commission**
- **The Public**





# **SPONSORS' ADVISORY COMMITTEE**

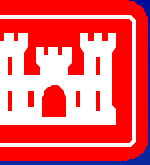
- **Committee members selected by the Sponsors**
- **Committee members include a representative for all the Stakeholders**
- **Advise the Sponsors throughout Study**
- **Met twice to provide input for the Project Management Plan**



# **STUDY TOPICS**

**(not limited to the following)**

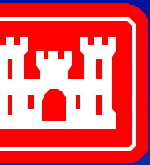
- **Downstream aquatic habitat**
- **Downstream flooding and the effect on the riparian ecosystem**
- **Downstream flow based recreation including: kayaking**
- **Fish**
- **Hydropower operating policies and administrative procedures**
- **Reservoir resources including: boating, swimming, and fishing**
- **Salt wedge**
- **Sedimentation and channel morphology**
- **Water quality**
- **Wildlife**
- **Water supply**



# WORKING GROUPS

(Subject Matter Specialists)

- At the 20 June 2002 Sponsors' Advisory Committee Meeting, members of Working Groups for each study element were selected.
- Working Groups will begin meeting as soon as the feasibility phase of the study begins.
- Working Groups will help with revisions of the PMP (living document) as we proceed with the study. They will provide valuable input to aid in determining what data exists, what data is needed, what studies should be performed, and how these studies can be best performed.



# Project Management Business Process

## LEGEND

HQUSACE -  
Headquarters, U.S. Army  
Corps of Engineers

CESAD - South Atlantic  
Division Corps

EC - Executive Committee

EC - State of North  
Carolina

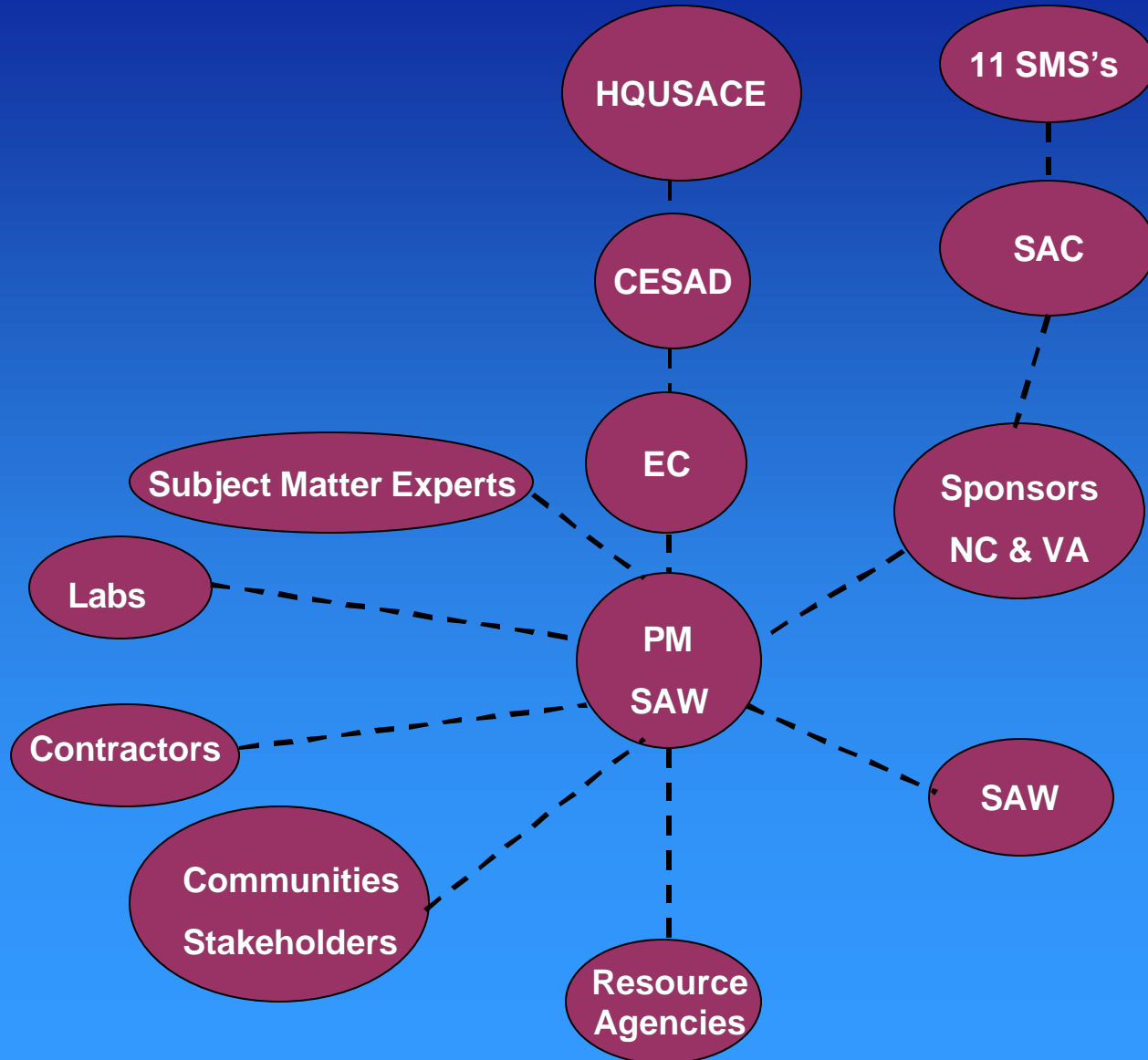
PM - Project Manager

SAC- Sponsors' Advisory  
Committee

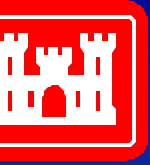
W - Wilmington District  
Corps

SMS - Subject Matter  
Specialists Group

VA- Commonwealth of  
Virginia



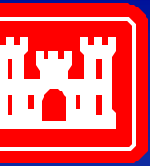




# THREE PHASE APPROACH

- Phase I: Determine what data is available, what data is needed, what studies should be performed to acquire additional data.
- Phase II: Perform studies; identify problems, needs, and opportunities; and establish specific goals and objectives.
- Phase III: Develop alternatives to meet objectives, determine the outputs and impacts of each action, and identify recommended actions.

Each phase should take 12 – 18 months.

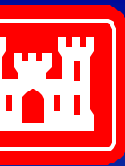


# John H. Kerr 216 Schedule

May 2001 – Supplemental Sheet and 905B Reports approved

These are Reconnaissance Reports required by ER-1105-2-100, 22 Apr. 2000, and include a preliminary analysis of Federal interest, cost, benefits, environmental impacts, and cost of preparing feasibility report.

15 Nov. 2001 –Sponsors' Advisory Committee Meeting to discuss study topics



# John H. Kerr 216 Schedule

(continued)

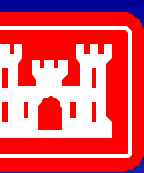
15 Dec. 2001 - Comments received for work on PMP.

15 Jan. 2002 – “Straw Man” PMP submitted to Sponsors.

20 Jun. 2002 – Sponsors’ Advisory Committee Meeting to discuss working groups and PMP progress

17 Jan. 2003 – PMP and Feasibility Cost Sharing (FCSA) completed.

14 Feb. 2003 – FCSEA approved by Headquarters USACE.



# **John H. Kerr 216 Schedule**

**(continued)**

**March 2003 - Execute FCSA**

**March 2003 - Begin Feasibility Phase I**

**12 – 18 months – Begin Feasibility Phase II**

**12 – 18 months – Begin Feasibility Phase III**

**FY 2007 – Completion of Feasibility Report**